

Please replace the paragraph occurring at page 49, line 17 to line 26, with the following rewritten paragraph:

A²
--The polymerization catalyst obtained by contacting the above-mentioned (A) and (C), or (A), (B) and (C) is used. As contact methods, any means can be adopted so far as contact of (A) and (C), or (A), (B) and (C) is completed to form the catalyst. For example, a method in which (A) and (C) or further (B) are mixed to contact them together after diluting at least one of them or without diluting them, and a method in which they are separately supplied in a polymerization reactor to contact them together in the reactor, and the like can be adopted.---

In the Claims:

Please amend the claims as follows:

A³
B
Claim 1. (Amended) An olefin polymerization catalyst prepared by a process comprising contacting (A) and (C), or (A), (B) and (C) described below:

(A) a transition metal compound in which the number of a transition metal is the same as that of group having a cyclopentadiene type anion skeleton, in its molecule,

(B) at least one aluminum compound selected from the following (B1) to (B3);